



Embedding creativity and critical thinking in Teacher Education: opportunities and challenges

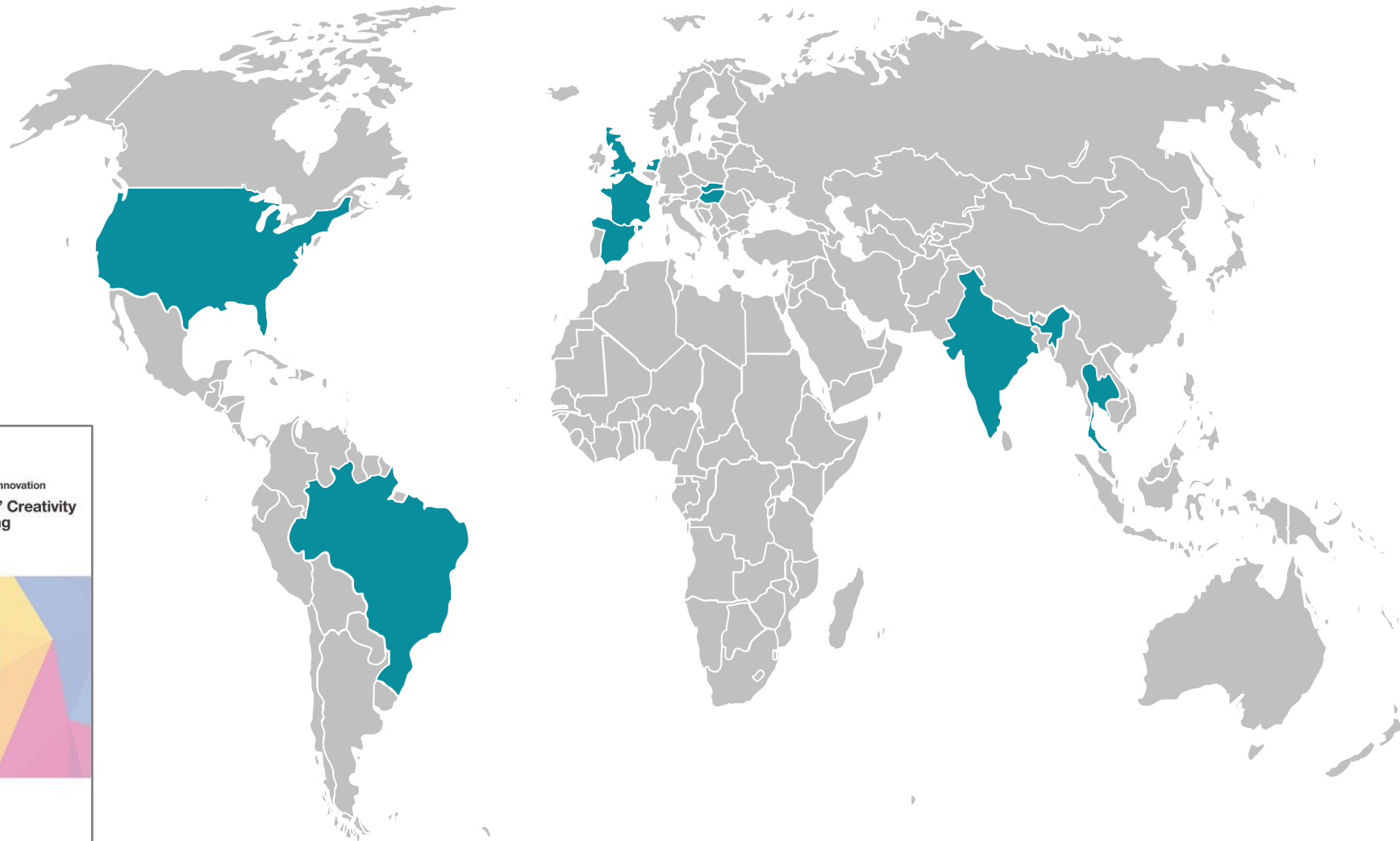
Cassie Hague
Analyst, Centre for Educational Research and Innovation
OECD



The OECD Fostering and Assessing Creativity and Critical Thinking Project

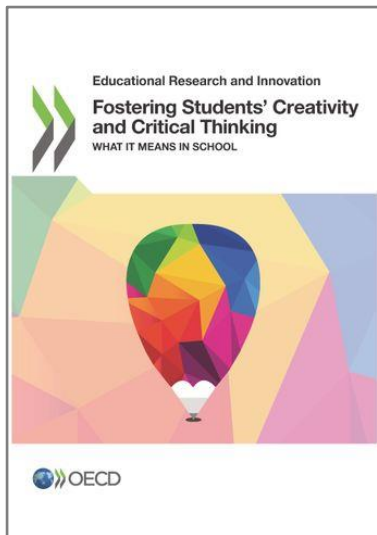


Action research over 2 school years in 11 countries with 800 teachers and 20 000 students in 320 primary and secondary schools (completed)



Round 1 (2015-16): Brazil, France, Hungary, India, Netherlands, Russia, Slovakia, Thailand, United States

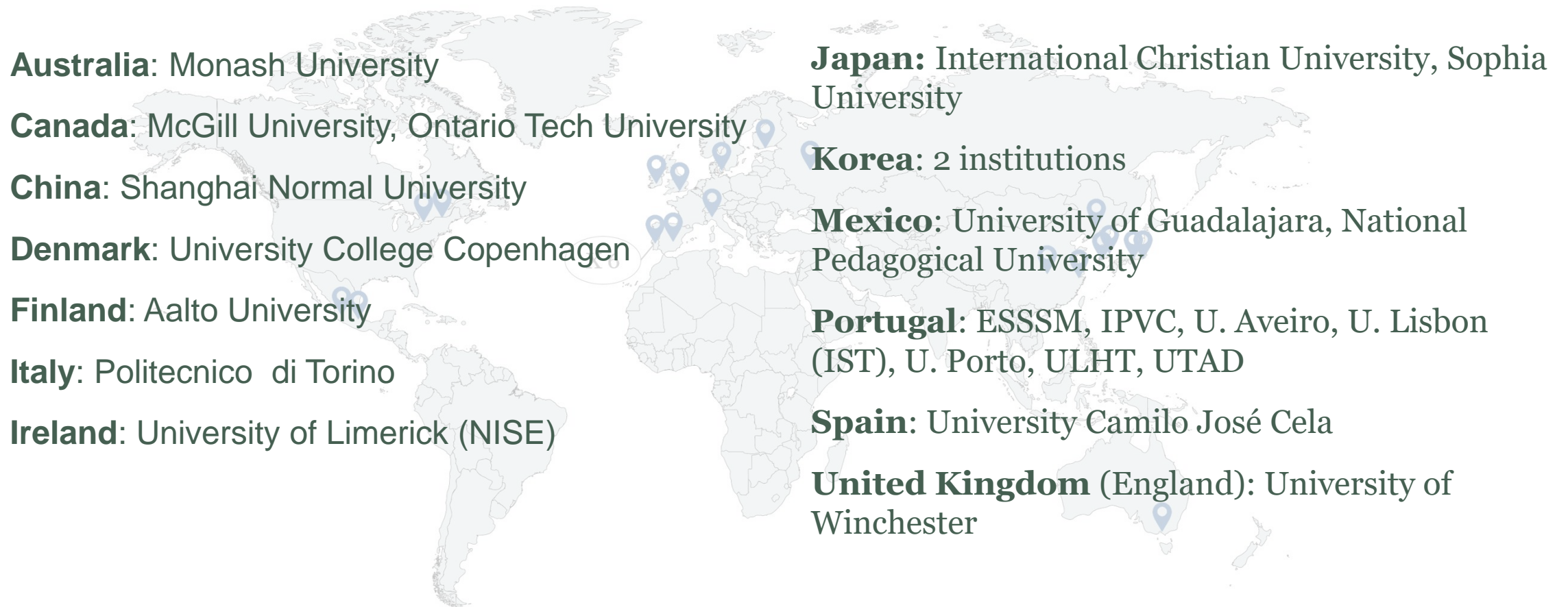
Round 2 (2016-17): Brazil, France, Hungary, India, Russia, Spain, Thailand, United States, Wales (UK),





Action research with network of 23 higher education and teacher education institutions from 13 countries (ongoing)

Building an international community of practice of institutions around teaching, learning and assessing creativity and critical thinking



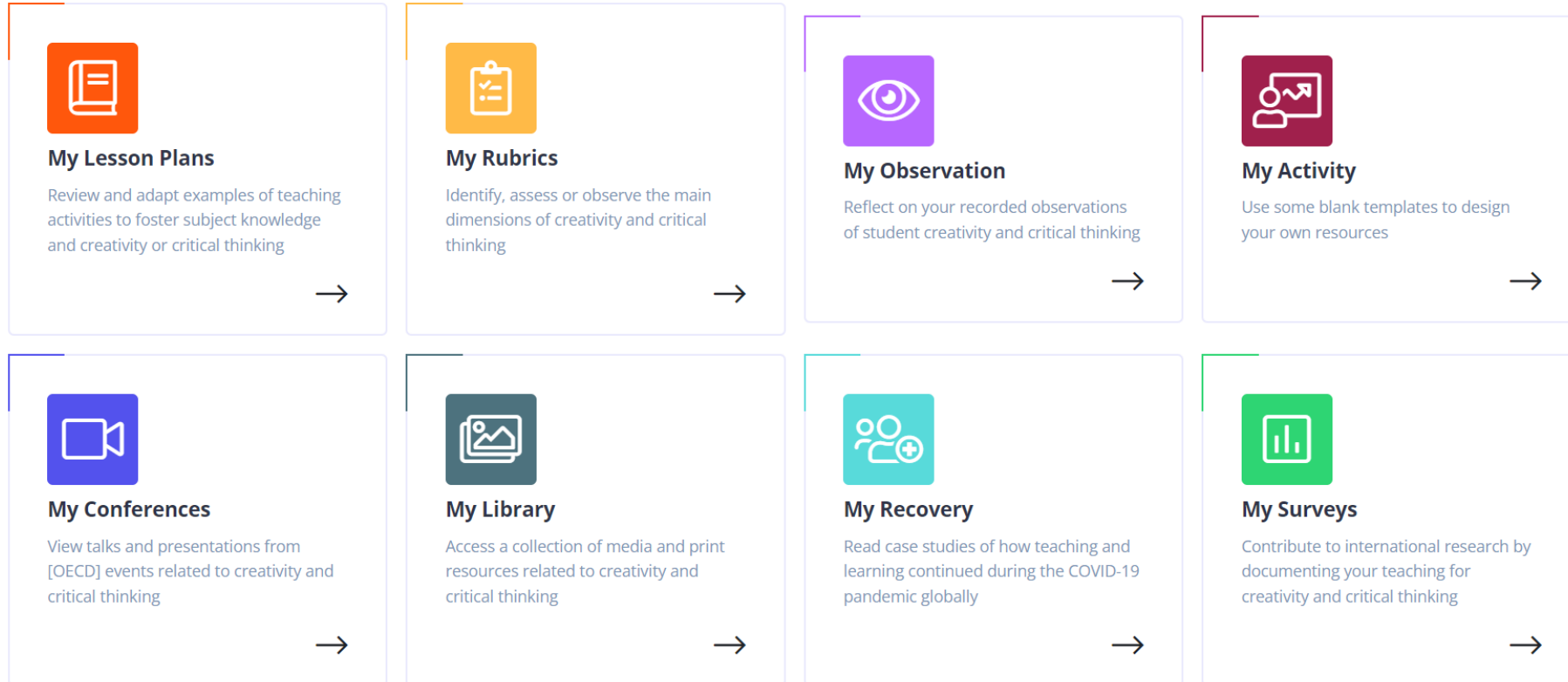


Objectives

1. Articulate a common **international language** on critical and creativity thinking in education
2. Develop a **bank of pedagogical resources** showcasing how to teach and assess critical thinking and creativity as part of curriculum
3. Develop **professional learning plans**
4. Develop and pilot **evaluation instruments** to measure the effects of pedagogical practices
5. Identify **supporting policies and practices** at the institutional and system level



An app to support teachers and teacher educators to integrate critical thinking and creativity into their practice www.oecdcericct.com (beta)



- My Lesson Plans**
Review and adapt examples of teaching activities to foster subject knowledge and creativity or critical thinking →
- My Rubrics**
Identify, assess or observe the main dimensions of creativity and critical thinking →
- My Observation**
Reflect on your recorded observations of student creativity and critical thinking →
- My Activity**
Use some blank templates to design your own resources →
- My Conferences**
View talks and presentations from [OECD] events related to creativity and critical thinking →
- My Library**
Access a collection of media and print resources related to creativity and critical thinking →
- My Recovery**
Read case studies of how teaching and learning continued during the COVID-19 pandemic globally →
- My Surveys**
Contribute to international research by documenting your teaching for creativity and critical thinking →

- Not intended to stand alone – part of a larger ecosystem of teaching and learning
- Enables trial of resources in different contexts
- Please get in touch if you would like to be involved in trial

Some challenges



Some challenges of embedding critical thinking and creativity into teacher education and professional learning

Complexity of systems

Finding levers of influence

Being grounded in practice

Building the knowledge base

Time

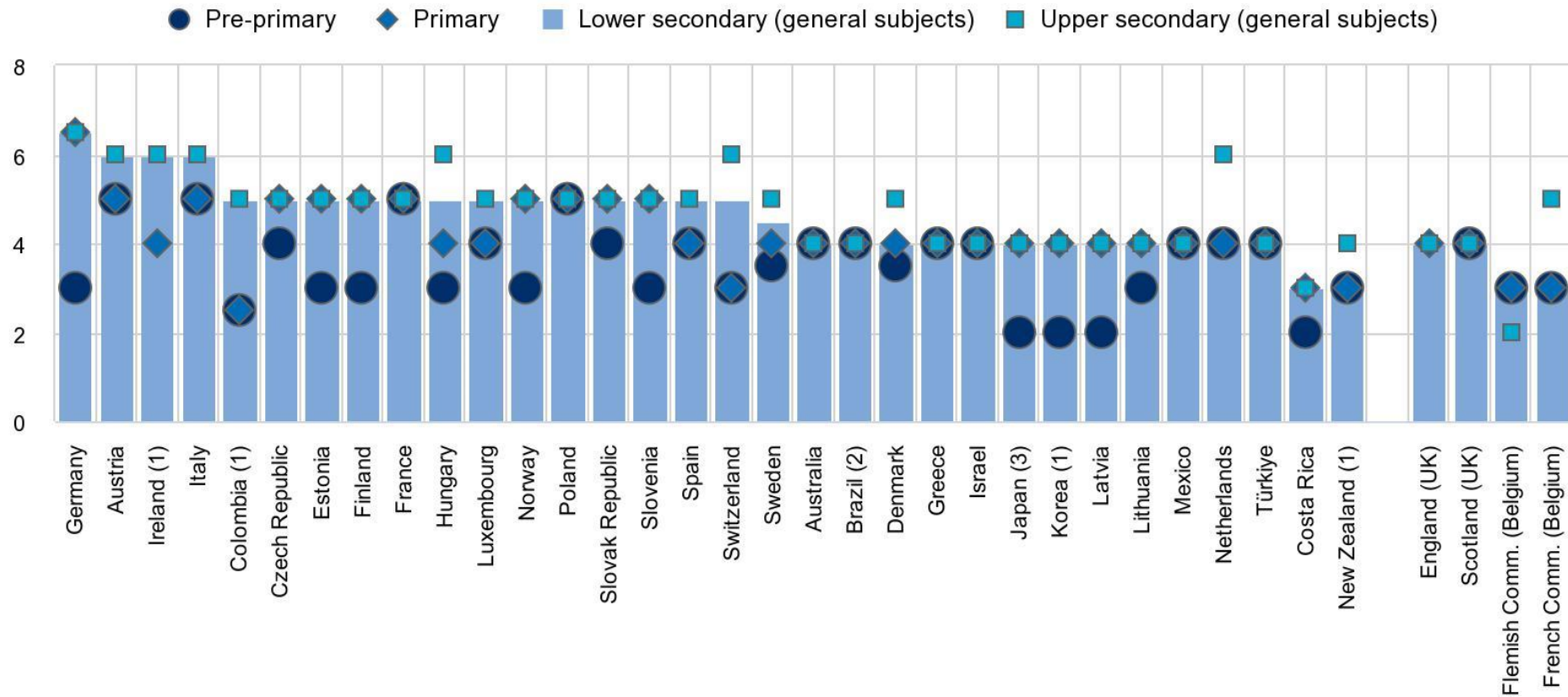
Creating cultures, leadership, alignment



Duration of initial teacher education (EAG 2022)

Figure D6.2. Duration of initial teacher education, by level of education (2021)

For teachers in public institutions, in years

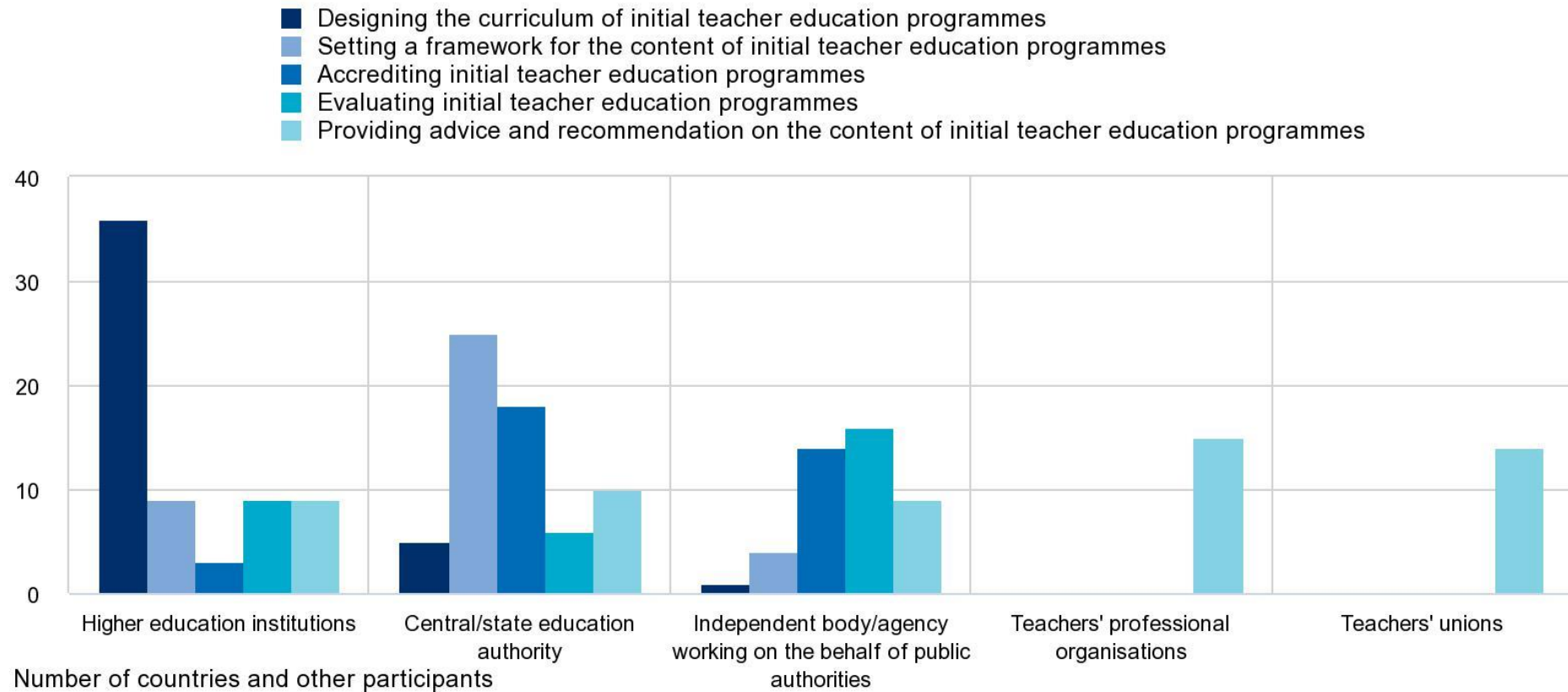




Roles of relevant bodies in decisions about initial teacher education (EAG 2022)

Figure D6.5. Roles of relevant bodies in deciding initial teacher education (2021)

For lower secondary teachers teaching general subjects in public institutions



Some opportunities



Some opportunities for embedding critical thinking and creativity into teacher education and professional learning

Ambassadors of
change

Discussions
around policy
reform

Collaboration

Positive
reinforcement
not vicious
cycles





THANK YOU

Cassie.Hague@oecd.org

<https://oe.cd/educationceriinnovationstrategy>

